

What is claimed is:

1. An intramedullary guidance system for directing a cutting instrument to cut a tibial bone region or a talar bone region, or both, at an ankle 5 joint, the system comprising
 - a guide pin for creating an intramedullary passage in the tibial and the talar bone regions adjacent the ankle joint, and
 - a cutting guide for a cutting instrument sized to 10 fit in the ankle joint between the tibial and talar bone regions, the cutting guide including an intramedullary locating element that fits within the intramedullary passage formed by the guide pin to align the cutting guide in a desired orientation with the tibial and talar 15 bone regions.